

**Listing of Claims:**

1. (currently amended): ~~An A demultiplexing device~~optical device, comprising:

a collimator;

at least one anamorphic pair of prisms optically coupled to the collimator, ~~wherein the collimator is optically coupled at a side opposite to the at least one anamorphic pair of prisms to an input device for providing a multi-channel light;~~

a diffraction grating optically coupled to the at least one anamorphic pair of prisms at a side opposite to the collimator; and

a focusing lens optically coupled to the diffraction grating, ~~wherein the focusing lens is optically coupled at a side opposite to the diffraction grating to at least one output device for receiving at least one channel of the multi-channel light.~~

2. (canceled)

3. (currently amended): The device of claim 21, wherein the multi-channel light comprises a circular cross-section.

4. (original): The device of claim 3, wherein the multi-channel light is converted by the at least one anamorphic pair of prisms such that the multi-channel light comprises an anamorphic cross-section.

5. (original): The device of claim 1, wherein the optical device is a multiplexing device, wherein the focusing lens is optically coupled at a side opposite to the diffraction grating to at least one input device for providing a plurality of channels, and wherein the collimator is